



INFORMATION DISCLOSURE CITATION
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DocId Number (Optional)

2000.110A

Application Number

10/657,360

Applicant

Michael Y. Wen

Filing Date

Sept. 8, 2003

Group Art Unit

Unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JCD		4,294,686	10/13/81	Fisher et al.	208	56	
JCD		5,069,775	12/03/91	Grosboll	208	108	
JCD		5,133,941	07/28/92	Hays et al.	422	140	
JCD		5,269,909	12/14/93	Ovalles et al.	208	370	
JCD		5,817,229	10/06/98	Sudhakar et al.	208	299	
JCD		6,004,453	12/21/99	Benham et al.	208	108	
JCD		6,016,868	01/25/00	Gregoli et al.	166	261	
JCD		6,059,957	05/09/00	Khan et al.	208	108	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
JCD		WO 00/18854	04/06/00	PCT				
JCD		WO 00/23540	04/27/00	PCT				
JCD		WO 00/61705	10/19/00	PCT				
JCD		EP 1 096 002	02.05.2001	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

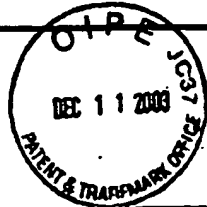
JCD	J. K. Moll and F. T. T. Ng, "A Novel Process for Upgrading Heavy Oil/Bitumen Emulsions Via In Situ Hydrogen", Department of Chemical Engineering, University of Waterloo, Waterloo, Ontario, Canada, pp. 1-2, March 9, 2000
JCD	R. Paez, L. Luzardo, and J. Guitian, "Current and Future Upgrading Options for the Orinoco Heavy Crude Oils", Petroleos de Venezuela, S.A., Caracas, Venezuela, pp. 1-11
JCD	K. C. Williams, "Technology Evolution and Commercial Development at Imperial's Cold Lake Production Project", Imperial Oil Limited, Proceedings of the Sixteenth World Petroleum Congress, Calgary, Alberta, Canada, Vol. 2, pp. 217-224, June 11-15, 2000
JCD	"Production Site Heavy-Oil Upgrader Shows Promise", Oil & Gas Journal, pp. 56-57, November 20, 2000

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DATE CONSIDERED

3/29/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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JED		1,991,750	02/19/1935	Keeling	196	67	
JED		4,118,925	10/10/1978	Sperry et al.	60	39.05	
JED		4,298,457	11/03/1981	Oblad et al.	208	107	
JED		4,415,431	11/15/1983	Matyas et al.	208	8 R	
JED		4,931,171	06/05/1990	Piotter	208	409	
JED		5,922,090	07/13/1999	Fujimura et al.	48	197 R	
JED		5,883,138	03/16/1999	Hershkowitz et al.	518	703	
JED		5,886,056	03/23/1999	Hershkowitz et al.	518	703	
JED		5,935,489	08/10/1999	Hershkowitz et al.	252	373	
JED		5,980,596	11/09/1999	Hershkowitz et al.	48	127.9	
JED		5,980,782	11/09/1999	Hershkowitz et al.	252	373	
JED		6,267,912	07/31/2001	Hershkowitz et al.	252	373	
JED		6,274,032	08/14/01	Hood et al.	208	309	
JED		5,688,741	11/18/97	Carrazza et al.	502	344	
JED		4,234,407	11/18/80	Duncan et al.	208	8 R	
JED		4,169,128	09/25/79	Sinor et al.	422	224	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JED	Hans Weiss, et al., "Satcon A Novel Process for Refinery Residue Conversion", 16 th World Petroleum Congress, Forum 6, Calgary, Canada, June 12, 2000, pp. 1-7.
JED	Pedro Pereira, et al., "Aquaconversion technology offers added value to E. Venezuela synthetic crude oil production", Oil & Gas Journal, May 14, 2001, pp. 79-86.
JED	Murray Gray, "Upgrading Technology: What is new and what is around the corner?", 2001 Oil Sands Conference, Fort McMurray, Alberta, Canada, September 5, 2001.

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